Title (en)

PHYSICAL DOWNLINK SHARED CHANNEL TRANSMISSION METHOD AND SYSTEM

Title (de)

VERFAHREN UND SYSTEM FÜR PDSCH-ÜBERTRAGUNG

Title (fr)

PROCÉDÉ ET SYSTÈME DE TRANSMISSION DE CANAL PARTAGÉ DE LIAISON DESCENDANTE PHYSIQUE

Publication

EP 2887750 A4 20150812 (EN)

Application

EP 13834196 A 20130822

Priority

- CN 201210321711 A 20120903
- CN 2013082109 W 20130822

Abstract (en)

[origin: EP2887750A1] Disclosed is a physical downlink shared channel transmission method, and the method includes: a network side determines transmission parameters of a Physical Downlink Shared Channel (PDSCH) according to a relevant transmission mode of a DM-RS and/or relevant information of a scheduled UE, wherein the transmission parameters include one or more of: a resource mapping approach of the PDSCH, a downlink DM-RS antenna port in use, and a Scrambling Code Identity (SCID) and a scrambling code initialized value X desired when a downlink DM-RS port sequence is initialized; and the network side transmits data according to the determined antenna parameters of the PDSCH. Further disclosed is a physical downlink shared channel transmission system. The disclosure can implement selection of DM-RS antenna ports and use multiple DM-RS antenna ports to improve transmission reliability, eliminate interference, increase MU-MIMO multiplexing capacity and improve frequency selective gain.

IPC 8 full level

H04W 72/12 (2009.01)

CPC (source: EP US)

H04L 5/0053 (2013.01 - EP US); **H04W 72/044** (2013.01 - US); **H04W 72/0466** (2013.01 - US)

Citation (search report)

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Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 2887750 A1 20150624; **EP 2887750 A4 20150812**; **EP 2887750 B1 20170517**; CN 103687042 A 20140326; CN 103687042 B 20180515; US 2015223216 A1 20150806; US 9538524 B2 20170103; WO 2014032544 A1 20140306

DOCDB simple family (application)

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